

CLAIMS

What is claimed is:

1. A method for providing remote computer access, comprising:
receiving a first instruction, said instruction for execution on a first computer;
translating the first instruction into data defining at least one XML item;
transmitting the data defining at least one XML item to a second computer;
translating the data defining at least one XML item into a second instruction,
said second instruction for execution on the second computer; and
executing said second instruction on said second computer.
2. The method of claim 1, wherein receiving said first instruction comprises receiving an instruction for outputting data.
3. The method of claim 2, wherein receiving an instruction for outputting data comprises receiving an instruction for displaying data.
4. The method of claim 2, wherein receiving an instruction for outputting data comprises receiving an instruction for generating a sound.
5. The method of claim 1, wherein receiving said first instruction comprises receiving an instruction for inputting data.

6. The method of claim 5, wherein receiving an instruction for inputting data comprises receiving an instruction indicating a mouse input.

7. The method of claim 5, wherein receiving an instruction for inputting data comprises receiving an instruction indicating a keyboard input.

8. The method of claim 1, wherein translating the first instruction into data defining at least one XML item comprises generating a first XML tag defining the beginning of an XML item, generating a data item corresponding to the first instruction, generating a second XML tag defining the end of an XML item.

9. The method of claim 1, wherein transmitting the data to a second computer comprises transmitting the data using HTTP.

10. The method of claim 1, wherein translating the data into a second instruction comprises identifying a first XML tag defining the beginning of an XML item, identifying a data item corresponding to an instruction, identifying a second XML tag defining the end of an XML item.

11. The method of claim 10, wherein translating the data into a second instruction further comprises determining the second instruction corresponding to the data item.

12. Computer readable medium having computer-implementable instructions stored thereon for performing the method recited in claim 1.

13. A method for providing remote computer access, comprising:

- receiving instructions relating to generating output;
- translating the instructions relating to generating output into data defining at least one XML item;
- transmitting the data defining at least one XML item;
- receiving data defining an XML item relating to inputs;
- translating the data defining an XML item relating to inputs into instructions relating to inputs; and
- executing the instructions relating to inputs.

14. The method of claim 13, wherein receiving instructions relating to generating output comprises receiving instructions relating to generating visual or audio output.

15. The method of claim 13, wherein translating instructions relating to generating output into data defining at least one XML item comprises generating at least a first XML tag defining the beginning of the XML item, generating a data item corresponding to the instruction relating to generating output; and generating at least a second XML tag defining the ending of the XML item.

16. The method of claim 13, wherein transmitting the data defining at least one XML item comprises transmitting the data defining at least one XML item using HTTP protocol.

17. The method of claim 13, wherein translating the data defining an XML item relating to inputs comprises identifying a first XML tag identifying the beginning of the XML item, identifying a data item corresponding to an input, and identifying a second XML tag identifying the ending of the XML item.

18. A method for providing remote computer access, comprising:
receiving instructions relating to user inputs;
translating the instructions relating to user inputs into data defining at least one XML item;
transmitting the data defining at least one XML item;
receiving data defining an XML item relating to outputs;
translating the data defining an XML item relating to outputs into instructions relating to outputs; and
executing the instructions relating to outputs.

19. The method of claim 18, wherein transmitting the data defining at least one XML item comprises using the HTTP protocol to transmit the data defining at least one XML item.

20. A system for remote computer access, comprising:
a first computing system comprising software for identifying instructions relating to generating system outputs, transmitting data defining an XML item corresponding to the instructions relating to generating system outputs, and receiving XML items corresponding to user inputs;

a second computing system comprising software for identifying instructions relating to user inputs; transmitting data defining XML items corresponding to the instructions relating to user inputs, and receiving XML items corresponding to generating outputs; and

a communications network operably coupled between said first computing system and said second computing system for transmitting data between said first computing systems and said second computing system.

21. A method for providing remote computer access, comprising:
receiving instructions relating to generating output;
creating data defining at least one XML item corresponding to the instructions relating to generating output;
transmitting the data defining at least one XML item;
receiving data defining an XML item relating to inputs;
creating instructions relating to inputs from the data defining an XML item relating to inputs; and
executing the instructions relating to inputs.

22. The method of claim 21, wherein receiving instructions relating to generating output comprises receiving instructions relating to generating visual or audio output.

23. The method of claim 21, wherein creating data defining at least one XML item corresponding to the instructions relating to generating output comprises generating at least a first XML tag defining the beginning of the XML item,

generating a data item corresponding to the instruction relating to generating output;
and generating at least a second XML tag defining the ending of the XML item.

24. The method of claim 21, wherein transmitting the data defining at least one XML item comprises transmitting the data defining at least one XML item using HTTP protocol.

25. The method of claim 21, wherein creating instructions relating to inputs from the data defining an XML item relating to inputs comprises identifying a first XML tag identifying the beginning of the XML item, identifying a data item corresponding to an input, and identifying a second XML tag identifying the ending of the XML item.

26. A method for providing remote computer access, comprising:
receiving instructions relating to user inputs;
creating data defining at least one XML item corresponding to the instructions relating to user inputs;
transmitting the data defining at least one XML item;
receiving data defining an XML item relating to outputs;
creating instructions relating to outputs corresponding to the data defining an XML item relating to outputs; and
executing the instructions relating to outputs.

26. The method of claim 25, wherein transmitting the data defining at least one XML item comprises using the HTTP protocol to transmit the data defining at least one XML item.